5 IN compact multiswitch

SWI45xxDT

GREEN PRODUCT

SWI45xxDT is the new 5 input compact multiswitches range, designed to fulfil every installation requirement in small and medium sized distribution systems.

The range includes five versions comprising of 8, 12, 16, 24 and 32 outputs.

The new “matrix system” with both sided output and the external power supply allow to reduce significantly the needed installation space.

All the products allow a separate gain adjustment for terrestrial and satellite, through the lateral trimmer, to manage easily the output level.

Furtheremore, very low power consumption are guaranteed thanks to the internal circuit for automatic remote power supply to the SAT and TV lines.

SWI45xxDT range is HD compliant.

Main Specifications

- **TV (+3dB) and SAT (+3dB) gain** to guarantee the same level as the input to the output.
- **Separate gain adjustment for TV and SAT** (0-12dB);
- **High SAT output level** to run long cable drop with the correct signal power at the STBs.
- **Space riduced** thanks to the matrix system with both sided connectors.
- **External Power Supply** (1600mA @12V) with RCA connector to optimize the installation space and reduce the maintenance time.
- **Very low consumption** thanks to the internal circuit for automatic remote power supply to the SAT and TV lines.
- **Monitoring LED** for the input SAT signal power.
- **Standard colour input** for an easy installation.
- **HD compliant**.

		SWI4508DT	SWI4512DT	SWI4516DT	SWI4524DT	SWI4532DT
Fracarro code		271148	271149	271150	271151	271152
No. of inputs		4 Satellite + 1 Terrestrial				
No. of outputs		8	12	16	24	32
Satellite						
Bandwidth		950-2400				
Gain		3 (typ.)				
Adjustment		12				
Maximum output level (-35dBc, 2 tones)		102				
Terrestrial						
Bandwidth		85-862				
Gain		3 (typ.)		-2(typ.)		
Adjustment		12				
Maximum output level (-35dBc, 2 tones)		97				
Return Path						
Bandwidth		5-65				
Gain		-8		-13		
General Parameters						
Isolation SAT-SAT		≥25				
Isolation SAT-TV		≥25				
Power consumption		400, 12				
Remote TV power supply		170, 12				
Remote SAT power supply		600, 12				
Warning LED		GREEN: working correctly; RED: low SAT input level.				
Dimensions (L x W x H)	Multiswitch	145x120x25	200x120x25	260x120x25	340x120x25	420x120x25
	Power supply	115 x 125 x 60				
Operating temperature		-10 to +55				

Fracarro code	Item	Packaging	Quantity	Dimensions (L x H x W)	Net weight	Total weight
			Pcs	mm	Kg	Kg
271148	SWI4508DT	Single	1	225 x 180 x 67	0.96	1.00
271149	SWI4512DT	Single	1	430 x 173 x 75	0.98	1.02
271150	SWI4516DT	Single	1	430 x 173 x 75	1.00	1.04
271151	SWI4524DT	Single	1	595 x 173 x 75	1.30	1.34
271152	SWI4532DT	Single	1	595 x 173 x 75	1.50	1.54

Installation’s example